

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
ACETOBACTER.EPAB.	47
ACETOBACTERS.EPAB.	2
(18 AND ACETOBACTER).EPAB.	0
(L18 AND "ACETOBACTER").EPAB.	0

**Database:**

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
**EPO Abstracts Database**  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:**

L23

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Friday, November 15, 2002   [Printable Copy](#)   [Create Case](#)

**Set Name Query**  
side by side

**Hit Count Set Name**  
result set

*DB=EPAB; PLUR=YES; OP=OR*

<u>L23</u>	118 and "Acetobacter"	0	<u>L23</u>
<u>L22</u>	118 and "Lactobacillus"	0	<u>L22</u>
<u>L21</u>	L19 and "Acetobacter"	0	<u>L21</u>
<u>L20</u>	L19 and "Lactobacillus"	0	<u>L20</u>
<u>L19</u>	"polysaccharide" and "obesity"	2	<u>L19</u>
<u>L18</u>	"polysaccharide" and "diabetes"	5	<u>L18</u>
<u>L17</u>	L16 and "polysaccharide"	0	<u>L17</u>
<u>L16</u>	"diabetes" and "weight loss"	3	<u>L16</u>
<u>L15</u>	"Acetobacter sp."	0	<u>L15</u>
<u>L14</u>	"KCTC-0773BP"	0	<u>L14</u>
<u>L13</u>	"BC-YO58"	0	<u>L13</u>
<u>L12</u>	"Acetobacter"	47	<u>L12</u>
<u>L11</u>	L10 and "weight"	2	<u>L11</u>
<u>L10</u>	17 and "polysaccharide"	6	<u>L10</u>
<u>L9</u>	"BC-Y009"	0	<u>L9</u>
<u>L8</u>	"KCTC-0774BP"	0	<u>L8</u>
<u>L7</u>	"Lactobacillus"	309	<u>L7</u>
<u>L6</u>	"Lactobacillus sp." and "polysaccharide"	0	<u>L6</u>
<u>L5</u>	"KCTC-0774BP"	0	<u>L5</u>
<u>L4</u>	"KCTC-0774BP"	0	<u>L4</u>
<u>L3</u>	"Lactobacillus" and "BC-Y009"	0	<u>L3</u>
<u>L2</u>	EP0956867A1	0	<u>L2</u>
<u>L1</u>	EP0956867A1.pn.	0	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 5 of 5 returned.**☐ 1. Document ID: WO 147528 A2

L18: Entry 1 of 5

File: EPAB

Jul 5, 2001

PUB-NO: WO000147528A2

DOCUMENT-IDENTIFIER: WO 147528 A2

TITLE: NOVEL GLYCOSIDASE INHIBITORS AND THEIR PHARMACOLOGICAL USES, IN PARTICULAR FOR TREATING DIABETES

PUBN-DATE: July 5, 2001

## INVENTOR-INFORMATION:

NAME

AGHAJARI, NUSHIN BANU HELENE

ROBERT, XAVIER GUY

HASER, RICHARD MICHEL

COUNTRY

FR

FR

FR

INT-CL (IPC): A61 K 31/70

EUR-CL (EPC): A61K031/715; A61K031/00, A61K031/13 , A61K031/13 , A61K031/16 , A61K031/195 , A61K031/70 , A61K031/70 , A61K031/70

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C
Draw	Desc	Image									

☐ 2. Document ID: EP 867123 A1

L18: Entry 2 of 5

File: EPAB

Sep 30, 1998

PUB-NO: EP000867123A1

DOCUMENT-IDENTIFIER: EP 867123 A1

TITLE: Whole-egg-like foods

PUBN-DATE: September 30, 1998

## INVENTOR-INFORMATION:

NAME

SEKIMOTO, KUNITOSHI

COUNTRY

JP

INT-CL (IPC): A23 L 1/32

EUR-CL (EPC): A23L001/32; A23L001/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C
Draw	Desc	Image									

☐ 3. Document ID: EP 749697 A1

L18: Entry 3 of 5

File: EPAB

Dec 27, 1996

PUB-NO: EP000749697A1  
DOCUMENT-IDENTIFIER: EP 749697 A1  
TITLE: Coated food

PUBN-DATE: December 27, 1996

## INVENTOR-INFORMATION:

NAME	COUNTRY
LAPRE, JOHN ARTHUR	NL
MCNABOLA, WILLIAM THOMAS	NL
VEENSTRA, JAN	NL
DE, VRIES HIELKE TJEERD	NL

INT-CL (IPC): A23 P 1/08; A23 L 1/09; A23 L 1/29; A23 L 1/10  
EUR-CL (EPC): A23L001/182; A23P001/04, A23P001/08 , A23L001/0522 , A23L001/10 ,  
A23L001/16 , A23L001/164

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC
Draw Desc	Image										

☐ 4. Document ID: WO 9510292 A1

L18: Entry 4 of 5

File: EPAB

Apr 20, 1995

PUB-NO: WO009510292A1  
DOCUMENT-IDENTIFIER: WO 9510292 A1  
TITLE: DIABETES TREATMENT AND PROPHYLAXIS

PUBN-DATE: April 20, 1995

## INVENTOR-INFORMATION:

NAME	COUNTRY
CHATERJI, ARUN K	

INT-CL (IPC): A61 K 35/78; A23 L 1/221  
EUR-CL (EPC): A61K035/78; A61K035/78

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC
Draw Desc	Image										

☐ 5. Document ID: EP 567088 A2

L18: Entry 5 of 5

File: EPAB

Oct 27, 1993

PUB-NO: EP000567088A2  
DOCUMENT-IDENTIFIER: EP 567088 A2  
TITLE: Processes for the preparation of amylase inhibitor.

PUBN-DATE: October 27, 1993

## INVENTOR-INFORMATION:

NAME	COUNTRY
TOSHIYUKI, MIYAZAKI	JP
RYUJI, MURAYAMA	JP
TOSHIHISA, MORIMOTO	JP

INT-CL (IPC): C07K 15/10; A61K 37/64; A23L 1/03  
EUR-CL (EPC): A23L001/03; A61K038/00, C07K014/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KIMC

[Generate Collection](#)[Print](#)

Term	Documents
POLYSACCHARIDE.EPAB.	1474
POLYSACCHARIDES.EPAB.	816
DIABETES.EPAB.	1466
DIABETE.EPAB.	2
(DIABETES AND POLYSACCHARIDE).EPAB.	5
("POLYSACCHARIDE" AND "DIABETES").EPAB.	5

**Display Format:**[CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: EP 867123 A1

L19: Entry 1 of 2

File: EPAB

Sep 30, 1998

PUB-NO: EP000867123A1

DOCUMENT-IDENTIFIER: EP 867123 A1

TITLE: Whole-egg-like foods

PUBN-DATE: September 30, 1998

## INVENTOR-INFORMATION:

NAME

SEKIMOTO, KUNITOSHI

COUNTRY

JP

INT-CL (IPC): A23 L 1/32

EUR-CL (EPC): A23L001/32; A23L001/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

☐ 2. Document ID: EP 567088 A2

L19: Entry 2 of 2

File: EPAB

Oct 27, 1993

PUB-NO: EP000567088A2

DOCUMENT-IDENTIFIER: EP 567088 A2

TITLE: Processes for the preparation of amylase inhibitor.

PUBN-DATE: October 27, 1993

## INVENTOR-INFORMATION:

NAME

TOSHIYUKI, MIYAZAKI

RYUJI, MURAYAMA

TOSHIHISA, MORIMOTO

COUNTRY

JP

JP

JP

INT-CL (IPC): C07K 15/10; A61K 37/64; A23L 1/03

EUR-CL (EPC): A23L001/03; A61K038/00, C07K014/415

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw	Desc	Image									

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Term	Documents
POLYSACCHARIDE.EPAB.	1474
POLYSACCHARIDES.EPAB.	816
OBESITY.EPAB.	653
OBESITIES	0
OBESITYS	0
(OBESITY AND POLYSACCHARIDE).EPAB.	2
("POLYSACCHARIDE" AND "OBESITY").EPAB.	2

**Display Format:**

CIT

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: WO 9856396 A1

L16: Entry 1 of 3

File: EPAB

Dec 17, 1998

PUB-NO: WO009856396A1

DOCUMENT-IDENTIFIER: WO 9856396 A1

TITLE: ADULT-ONSET DIABETES TREATMENT METHOD

PUBN-DATE: December 17, 1998

## INVENTOR-INFORMATION:

NAME

LAZARUS, DOUGLAS DAVID

COUNTRY

US

INT-CL (IPC): A61 K 35/78EUR-CL (EPC): A61K038/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C
Draw Desc	Image										

☐ 2. Document ID: WO 9718806 A1

L16: Entry 2 of 3

File: EPAB

May 29, 1997

PUB-NO: WO009718806A1

DOCUMENT-IDENTIFIER: WO 9718806 A1

TITLE: INHIBITION OF FATTY ACID SYNTHASE AS A MEANS TO REDUCE ADIPOCYTE MASS

PUBN-DATE: May 29, 1997

## INVENTOR-INFORMATION:

NAME

KUHAJDA, FRANCIS P

PASTERNAK, GARY R

TOWNSEND, CRAIG A

MANI, NEELAKANDHA S

COUNTRY

US

US

US

US

INT-CL (IPC): A61 K 31/365EUR-CL (EPC): A61K031/365

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C
Draw Desc	Image										

☐ 3. Document ID: WO 9629405 A2



L16: Entry 3 of 3

File: EPAB

Sep 26, 1996

PUB-NO: WO009629405A2

DOCUMENT-IDENTIFIER: WO 9629405 A2

TITLE: MODULATORS OF ob GENE AND SCREENING METHODS THEREFOR

PUBN-DATE: September 26, 1996

## INVENTOR-INFORMATION:

NAME

COUNTRY

BRIGGS, MICHAEL R

AUWERX, JOHAN

DE, VOS PIET

STAELS, BART

CROSTON, GLENN E

MILLER, STEPHEN G

INT-CL (IPC): C12 N 15/12; C07 K 15/47; C12 N 15/85; G01 N 33/50; A61 K 31/00

EUR-CL (EPC): C12N015/85; C07K014/575

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMIC
Draw Desc	Clip Img	Image									

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Term	Documents
DIABETES.EPAB.	1466
DIABETE.EPAB.	2
"WEIGHT LOSS".EPAB.	0
(DIABETES AND "WEIGHT LOSS").EPAB.	3
("DIABETES" AND "WEIGHT LOSS").EPAB.	3

**Display Format:**[CIT](#)[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: FR 2694196 A1

L11: Entry 1 of 2

File: EPAB

Feb 4, 1994

PUB-NO: FR002694196A1

DOCUMENT-IDENTIFIER: FR 2694196 A1

TITLE: Compsns. active against tumour viruses - obtained by double fermentation of milk or whey using specified starter

PUBN-DATE: February 4, 1994

## INVENTOR-INFORMATION:

NAME

COUNTRY

SERGE, ROLLAN

CHRISTIAN, DESHAYES

INT-CL (IPC): A61K 37/64; A61K 31/505; A61K 31/19; A61K 31/70; A61K 31/17

EUR-CL (EPC): A61K038/55

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC
Draw Desc	Image										

☐ 2. Document ID: GB 2090846 A

L11: Entry 2 of 2

File: EPAB

Jul 21, 1982

PUB-NO: GB002090846A

DOCUMENT-IDENTIFIER: GB 2090846 A

TITLE: Anti-tumor polysaccharide

PUBN-DATE: July 21, 1982

US-CL-CURRENT: 435/101; 536/123

INT-CL (IPC): C12P 19/04

EUR-CL (EPC): A61K031/715; C12P019/04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC
Draw Desc	Image										

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Term	Documents
WEIGHT.EPAB.	57656
WT.EPAB.	8037
(10 AND WEIGHT).EPAB.	2
(L10 AND "WEIGHT").EPAB.	2

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**Display Format:**

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(FILE 'HOME' ENTERED AT 17:34:48 ON 15 NOV 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 17:35:31 ON 15 NOV 2002

SEA ACETOBACTER BC-Y009

-----  
L1 QUE ACETOBACTER BC-Y009

-----  
SEA LACTOBACILLUS (P) (BC-Y009 OR KCTC-0774BP)

-----  
0\* FILE ADISNEWS  
0\* FILE BIOCOMMERCE  
1\* FILE BIOTECHABS  
1\* FILE BIOTECHDS  
0\* FILE BIOTECHNO  
0\* FILE CEABA-VTB  
0\* FILE CIN  
0\* FILE ESBIOBASE  
0\* FILE FEDRIP  
0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE FSTA  
1 FILE IFIPAT  
0\* FILE KOSMET  
0\* FILE MEDICONF  
0\* FILE NTIS  
0\* FILE PASCAL  
0\* FILE PHARMAML  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX

L2 QUE LACTOBACILLUS (P) (BC-Y009 OR KCTC-0774BP)

-----  
FILE 'BIOTECHDS, IFIPAT, USPATFULL, WPIDS' ENTERED AT 17:39:37 ON 15 NOV 2002

L3 4 S L2

L4 3 DUP REM L3 (1 DUPLICATE REMOVED)

L5 4 S ACETOBACTER (P) (BC-Y058 OR KCTC-0773BP)

L6 3 DUP REM L5 (1 DUPLICATE REMOVED)

L7 14 S (ACETOBACTER OR LACTOBACILLUS) AND POLYSACCHARIDE# AND CARRIE

L8 13 DUP REM L7 (1 DUPLICATE REMOVED)

L9 9 S DIABETES AND L8

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:00:21 ON 15 NOV 2002

SEA LACTOBACILLUS AND PROD? (P) POLYSACCHARIDE?

-----  
0\* FILE ADISNEWS  
40 FILE AGRICOLA  
29 FILE BIOBUSINESS  
0\* FILE BIOCOMMERCE  
100 FILE BIOSIS  
0\* FILE BIOTECHABS

104\* FILE BIOTECHDS  
 91\* FILE BIOTECHNO  
 95 FILE CABA  
 2 FILE CANCERLIT  
 235 FILE CAPLUS  
 24\* FILE CEABA-VTB  
 0\* FILE CIN  
 1 FILE DDFB  
 1 FILE DDFU  
 51 FILE DGENE  
 1 FILE DRUGB  
 1 FILE DRUGU  
 1 FILE EMBAL  
 73 FILE EMBASE  
 51\* FILE ESBIODBASE  
 5\* FILE FEDRIP  
 0\* FILE FOMAD  
 0\* FILE FOREGE  
 113\* FILE FROSTI  
 190\* FILE FSTA  
 15 FILE GENBANK  
 1 FILE HEALSAFE  
 23 FILE IFIPAT  
 16 FILE JICST-EPLUS  
 2\* FILE KOSMET  
 54 FILE LIFESCI  
 0\* FILE MEDICONF  
 58 FILE MEDLINE  
 1\* FILE NTIS  
 120\* FILE PASCAL  
 0\* FILE PHARMAML  
 3 FILE PROMT  
 137 FILE SCISEARCH  
 22 FILE TOXCENTER  
 311 FILE USPATFULL  
 2 FILE USPAT2  
 1 FILE VETU  
 72 FILE WPIDS  
 0\* FILE WPINDEX  
 L10 QUE LACTOBACILLUS AND PROD?(P) POLYSACCHARIDE?

-----  
 SEA OBES? AND DIABETES AND L10  
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0\* FILE ADISNEWS  
 0\* FILE BIOCOMMERCE  
 0\* FILE BIOTECHABS  
 1\* FILE BIOTECHDS  
 0\* FILE BIOTECHNO  
 0\* FILE CEABA-VTB  
 0\* FILE CIN  
 0\* FILE ESBIODBASE  
 0\* FILE FEDRIP  
 0\* FILE FOMAD  
 0\* FILE FOREGE  
 1\* FILE FROSTI  
 0\* FILE FSTA  
 1 FILE IFIPAT  
 0\* FILE KOSMET  
 0\* FILE MEDICONF  
 0\* FILE NTIS  
 0\* FILE PASCAL  
 0\* FILE PHARMAML  
 7 FILE USPATFULL  
 1 FILE WPIDS

L11 0\* FILE WPINDEX  
QUE OBES? AND DIABETES AND L10  
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FILE 'USPATFULL, BIOTECHDS, FROSTI, IFIPAT' ENTERED AT 18:57:13 ON 15 NOV 2002

L12 10 S L11  
L13 9 DUP REM L12 (1 DUPLICATE REMOVED)

=> s l13 and Acetobacter

L14 2 L13 AND ACETOBACTER

=> d 1-2

L14 ANSWER 1 OF 2 USPATFULL

AN 2002:66924 USPATFULL

TI Microorganisms for treatment or prevention of corpulence and **diabetes** mellitus, and pharmaceutical composition containing the same

IN Park, Han Oh, Choongcheongbuk-Do, KOREA, REPUBLIC OF  
Bang, Young Bae, Choongcheongbuk-Do, KOREA, REPUBLIC OF  
Joung, Hea Jung, Choongcheongbuk-Do, KOREA, REPUBLIC OF  
Kim, Bong Cheol, Choongcheongbuk-Do, KOREA, REPUBLIC OF  
Kim, Hang Rae, Choongcheongbuk-Do, KOREA, REPUBLIC OF

PI US 2002037577 A1 20020328

AI US 2001-855836 A1 20010516 (9)

PRAI KR 20000517

KR 20000826

DT Utility

FS APPLICATION

LN.CNT 1444

INCL INCLM: 435/252.900

INCLS: 424/093.450; 435/252.100

NCL NCLM: 435/252.900

NCLS: 424/093.450; 435/252.100

IC [7]

ICM: C12N001-20

ICS: A61K045-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 2 OF 2 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI

AN 2002-06971 BIOTECHDS

TI Novel **Lactobacillus** or **Acetobacter** species, useful for treating **obesity** and **diabetes**, reduces the monosaccharide/disaccharide amount absorbed into body by converting them into non-digestible polymeric material;  
the use of bacterium culture in disease prevention and in dietary fiber

AU PARK H; JOUNG H; KIM B; KIM H; BANG Y

PA BIONEER CORP

PI WO 2001088095 22 Nov 2001

AI WO 2000-KR269 17 May 2000

PRAI KR 2000-49805 26 Aug 2000

DT Patent

LA English

OS WPI: 2002-082989 [11]

=>

=> d hist

(FILE 'HOME' ENTERED AT 17:34:48 ON 15 NOV 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 17:35:31 ON 15 NOV 2002

SEA ACETOBACTER BC-Y009

L1

-----  
QUE ACETOBACTER BC-Y009  
-----

SEA LACTOBACILLUS(P) (BC-Y009 OR KCTC-0774BP)

-----  
0\* FILE ADISNEWS  
0\* FILE BIOCOMMERCE  
1\* FILE BIOTECHABS  
1\* FILE BIOTECHDS  
0\* FILE BIOTECHNO  
0\* FILE CEABA-VTB  
0\* FILE CIN  
0\* FILE ESBIODASE  
0\* FILE FEDRIP  
0\* FILE FOMAD  
0\* FILE FOREGE  
0\* FILE FROSTI  
0\* FILE FSTA  
1 FILE IFIPAT  
0\* FILE KOSMET  
0\* FILE MEDICONF  
0\* FILE NTIS  
0\* FILE PASCAL  
0\* FILE PHARMAML  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX

L2

QUE LACTOBACILLUS(P) (BC-Y009 OR KCTC-0774BP)  
-----

FILE 'BIOTECHDS, IFIPAT, USPATFULL, WPIDS' ENTERED AT 17:39:37 ON 15 NOV 2002

L3

4 S L2

L4

3 DUP REM L3 (1 DUPLICATE REMOVED)

L5

4 S ACETOBACTER(P) (BC-Y058 OR KCTC-0773BP)

L6

3 DUP REM L5 (1 DUPLICATE REMOVED)

=>

=> d 1-3

L6 ANSWER 1 OF 3 IFIPAT COPYRIGHT 2002 IFI DUPLICATE 1  
AN 10094011 IFIPAT;IFIUDB;IFICDB  
TI MICROORGANISMS FOR TREATMENT OR PREVENTION OF CORPULENCE AND DIABETES  
MELLITUS, AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME;  
LACTOBACILLUS FOR USE IN HE TREATMENT OF EATING DISORDERS AND PANCREATIC  
DEFECTS  
IN Bang Young Bae (KR); Joung Hea Jung (KR); Kim Bong Cheol (KR); Kim Hang  
Rae (KR); Park Han Oh (KR)  
PA Unassigned Or Assigned To Individual (68000)  
PI US 2002037577 A1 20020328  
AI US 2001-855836 20010516  
PRAI KR 2000-2000102000002637920000517  
KR 2000-2000102000004980520000826  
FI US 2002037577 20020328  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION  
CLMN 45  
GI 8 Figure(s).  
FIG. 1 is the graph illustrating the absorption rate of glucose by the  
microorganisms of the present invention.  
FIG. 2 is the graph illustrating the change of blood glucose level after  
taking the microorganisms of the present invention.  
FIG. 3 is the graph illustrating the change of energy metabolism  
efficiency of obese mouse that has taken the microorganism of the present  
invention.  
FIG. 4 is the graph illustrating the change of energy metabolism  
efficiency of control mouse that has taken the microorganism of the  
present invention.  
FIG. 5 is the graph illustrating the change of the body weight of obese  
mouse induced by pharmacological prescription.  
FIG. 6 is the graph illustrating the change of the metabolic efficiency of  
obese mouse induced by pharmacological prescription.  
FIG. 7 is the phylogenetic analysis diagram of Lactobacillus BCY009 based  
on 16s rRNA nucleotide sequence of the present invention.  
FIG. 8 is the phylogenetic analysis diagram of Lactobacillus BCY058 based  
on 16s rRNA nucleotide sequence of the present invention.

L6 ANSWER 2 OF 3 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI  
AN 2002-06971 BIOTECHDS  
TI Novel Lactobacillus or **Acetobacter** species, useful for treating  
obesity and diabetes, reduces the monosaccharide/disaccharide amount  
absorbed into body by converting them into non-digestible polymeric  
material;  
the use of bacterium culture in disease prevention and in dietary  
fiber  
AU PARK H; JOUNG H; KIM B; KIM H; BANG Y  
PA BIONEER CORP  
PI WO 2001088095 22 Nov 2001  
AI WO 2000-KR269 17 May 2000  
PRAI KR 2000-49805 26 Aug 2000  
DT Patent  
LA English  
OS WPI: 2002-082989 [11]

L6 ANSWER 3 OF 3 WPIDS (C) 2002 THOMSON DERWENT  
AN 2002-082989 [11] WPIDS  
DNC C2002-025138  
TI Novel Lactobacillus or Acetobacter species, useful for treating obesity  
and diabetes, reduces the monosaccharide/disaccharide amount absorbed into  
body by converting them into non-digestible polymeric material.  
DC B04 D16



IN BANG, Y B; JUNG, H J; KIM, B C; KIM, H R; PARK, H O; JOUNG, H J; BANG, Y;  
 JOUNG, H; KIM, B; KIM, H; PARK, H  
 PA (BION-N) BIONEER CORP; (BION-N) BIONIA JH; (BANG-I) BANG Y B; (JOUN-I)  
 JOUNG H J; (KIMB-I) KIM B C; (KIMH-I) KIM H R; (PARK-I) PARK H O  
 CYC 93  
 PI WO 2001088095 A1 20011122 (200211)\* EN 50p C12N001-20  
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
 NL OA PT SD SE SL SZ TR TZ UG ZW  
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM  
 DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
 JP 2001321163 A 20011120 (200211) 20p C12N001-20  
 AU 2001036170 A 20011126 (200222) C12N001-20  
 US 2002037577 A1 20020328 (200225) C12N001-20  
 KR 2001106068 A 20011129 (200234) C12N001-20  
 ADT WO 2001088095 A1 WO 2001-KR269 20010223; JP 2001321163 A JP 2000-364295  
 20001130; AU 2001036170 A AU 2001-36170 20010223; US 2002037577 A1 US  
 2001-855836 20010516; KR 2001106068 A KR 2000-49805 20000826  
 FDT AU 2001036170 A Based on WO 200188095  
 PRAI KR 2000-49805 20000826; KR 2000-26379 20000517  
 IC ICM C12N001-20  
 ICS A61K035-74; A61K045-00; A61P003-04; A61P003-10  
 ICI C12N001-20; C12N001-20; C12R001:02; C12R001:225; C12R001:225; C12R001:02;  
 C12N001-20

=>

=> d 1-3

L4 ANSWER 1 OF 3 IFIPAT COPYRIGHT 2002 IFI DUPLICATE 1  
AN 10094011 IFIPAT;IFIUDB;IFICDB  
TI MICROORGANISMS FOR TREATMENT OR PREVENTION OF CORPULENCE AND DIABETES  
MELLITUS, AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME;  
LACTOBACILLUS FOR USE IN HE TREATMENT OF EATING DISORDERS AND PANCREATIC  
DEFECTS  
IN Bang Young Bae (KR); Joung Hea Jung (KR); Kim Bong Cheol (KR); Kim Hang  
Rae (KR); Park Han Oh (KR)  
PA Unassigned Or Assigned To Individual (68000)  
PI US 2002037577 A1 20020328  
AI US 2001-855836 20010516  
PRAI KR 2000-2000102000002637920000517  
KR 2000-2000102000004980520000826  
FI US 2002037577 20020328  
DT Utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION  
CLMN 45  
GI 8 Figure(s).  
FIG. 1 is the graph illustrating the absorption rate of glucose by the  
microorganisms of the present invention.  
FIG. 2 is the graph illustrating the change of blood glucose level after  
taking the microorganisms of the present invention.  
FIG. 3 is the graph illustrating the change of energy metabolism  
efficiency of obese mouse that has taken the microorganism of the present  
invention.  
FIG. 4 is the graph illustrating the change of energy metabolism  
efficiency of control mouse that has taken the microorganism of the  
present invention.  
FIG. 5 is the graph illustrating the change of the body weight of obese  
mouse induced by pharmacological prescription.  
FIG. 6 is the graph illustrating the change of the metabolic efficiency of  
obese mouse induced by pharmacological prescription.  
FIG. 7 is the phylogenetic analysis diagram of Lactobacillus BCY009 based  
on 16s rRNA nucleotide sequence of the present invention.  
FIG. 8 is the phylogenetic analysis diagram of Lactobacillus BCY058 based  
on 16s rRNA nucleotide sequence of the present invention.

L4 ANSWER 2 OF 3 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI  
AN 2002-06971 BIOTECHDS  
TI Novel **Lactobacillus** or Acetobacter species, useful for treating  
obesity and diabetes, reduces the monosaccharide/disaccharide amount  
absorbed into body by converting them into non-digestible polymeric  
material;  
the use of bacterium culture in disease prevention and in dietary  
fiber  
AU PARK H; JOUNG H; KIM B; KIM H; BANG Y  
PA BIONEER CORP  
PI WO 2001088095 22 Nov 2001  
AI WO 2000-KR269 17 May 2000  
PRAI KR 2000-49805 26 Aug 2000  
DT Patent  
LA English  
OS WPI: 2002-082989 [11]

L4 ANSWER 3 OF 3 WPIDS (C) 2002 THOMSON DERWENT  
AN 2002-082989 [11] WPIDS  
DNC C2002-025138  
TI Novel Lactobacillus or Acetobacter species, useful for treating obesity  
and diabetes, reduces the monosaccharide/disaccharide amount absorbed into  
body by converting them into non-digestible polymeric material.  
DC B04 D16

IN BANG, Y B; JUNG, H J; KIM, B C; KIM, H R; PARK, H O; JOUNG, H J; BANG, Y;  
 JOUNG, H; KIM, B; KIM, H; PARK, H  
 PA (BION-N) BIONEER CORP; (BION-N) BIONIA JH; (BANG-I) BANG Y B; (JOUN-I)  
 JOUNG H J; (KIMB-I) KIM B C; (KIMH-I) KIM H R; (PARK-I) PARK H O  
 CYC 93  
 PI WO 2001088095 A1 20011122 (200211)\* EN 50p C12N001-20  
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
 NL OA PT SD SE SL SZ TR TZ UG ZW  
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM  
 DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
 JP 2001321163 A 20011120 (200211) 20p C12N001-20  
 AU 2001036170 A 20011126 (200222) C12N001-20  
 US 2002037577 A1 20020328 (200225) C12N001-20  
 KR 2001106068 A 20011129 (200234) C12N001-20  
 ADT WO 2001088095 A1 WO 2001-KR269 20010223; JP 2001321163 A JP 2000-364295  
 20001130; AU 2001036170 A AU 2001-36170 20010223; US 2002037577 A1 US  
 2001-855836 20010516; KR 2001106068 A KR 2000-49805 20000826  
 FDT AU 2001036170 A Based on WO 200188095  
 PRAI KR 2000-49805 20000826; KR 2000-26379 20000517  
 IC ICM C12N001-20  
 ICS A61K035-74; A61K045-00; A61P003-04; A61P003-10  
 ICI C12N001-20; C12N001-20; C12R001:02; C12R001:225; C12R001:225; C12R001:02;  
 C12N001-20

=>

FILE 'USPATFULL, BIOTECHDS, FROSTI, IFIPAT' ENTERED AT 18:57:13 ON 15 NOV  
2002

L12           10 S L11  
L13           9 DUP REM L12 (1 DUPLICATE REMOVED)  
L14           2 S L13 AND ACETOBACTER  
L15          1120 S CELLULOSE AND LACTOBACILLUS  
L16           82 S ACETOBACTER AND L15  
L17           1 S L16 AND DIABETES  
L18           6 S L16 AND OBES?  
L19          488 S CELLULOSE(P) PRODUC? AND LACTOBACILLUS

=> s l19 and Acetobacter

L20          45 L19 AND ACETOBACTER

=> d 1

d 120 44 ab

L20 ANSWER 44 OF 45 FROSTI COPYRIGHT 2002 LFRA

AB This invention relates to pharmaceutical and food compositions containing **Acetobacter** species, particularly **Acetobacter xylinum**. The compositions can be used for the treatment or prevention of gastroenteral conditions such as diarrhoea, colitis and intestinal dismicrobisms, and for treatment of side effects of antibiotics. Effective compositions containing **Acetobacter** require a significantly lower bacterial load than those containing **Lactobacillus** and other microorganisms. **Acetobacter xylinum produces cellulose** fibrils in the presence of glucose, which have a favourable effect on intestinal peristalsis. **Acetobacter xylinum** has an optimum pH range of between 5 and 6. Suggested food **products** for the invention include juices, gelatin **products**, fruit extracts, mousses, creams, sauces, and dressings.

=>

=> d 120 44 ab

L20 ANSWER 44 OF 45 FROSTI COPYRIGHT 2002 LFRA

AB This invention relates to pharmaceutical and food compositions containing **Acetobacter** species, particularly **Acetobacter xylinum**. The compositions can be used for the treatment or prevention of gastroenteral conditions such as diarrhoea, colitis and intestinal dismicrobisms, and for treatment of side effects of antibiotics. Effective compositions containing **Acetobacter** require a significantly lower bacterial load than those containing **Lactobacillus** and other microorganisms. **Acetobacter xylinum produces cellulose** fibrils in the presence of glucose, which have a favourable effect on intestinal peristalsis. **Acetobacter xylinum** has an optimum pH range of between 5 and 6. Suggested food **products** for the invention include juices, gelatin **products**, fruit extracts, mousses, creams, sauces, and dressings.

=> d 120 44

L20 ANSWER 44 OF 45 FROSTI COPYRIGHT 2002 LFRA

AN 474840 FROSTI

TI Pharmaceutical and alimentary compositions containing bacteria of the genus **Acetobacter**.

IN Andriolli A.; Panni F.

PA Farmila Farmaceutici Milano Srl

SO PCT Patent Application

PI WO 9830226 A1

AI 19980105

PRAI Italy 19970108

DT Patent

LA English

SL English

=>

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Term	Documents
(2 AND 3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13
(L3 AND L2).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13

**Database:**

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
 JPO Abstracts Database  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

L4

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History**
**DATE: Friday, November 15, 2002**
[Printable Copy](#)
[Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L4</u>	L3 and L2	13	<u>L4</u>
<u>L3</u>	L1 and "diabetes"	45	<u>L3</u>
<u>L2</u>	L1 and "obesity"	20	<u>L2</u>
<u>L1</u>	"Lactobacillus" and "polysaccharide"	705	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 13 returned.**☐ 1. Document ID: US 20020091248 A1

L4: Entry 1 of 13

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020091248

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020091248 A1

TITLE: Myosin IXa and cyclic nucleotide gated channel-15 (CNGC-15) polynucleotides, polypeptides, compositions, methods, and uses thereof

PUBLICATION-DATE: July 11, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Adams, Arwen E.	Oakland	CA	US	
Chin, Choi Ying	Castro Valley	CA	US	
Duhl, David	Oakland	CA	US	
Gorman, Susan W.	Santa Monica	CA	US	
Leng, Song	Castro Valley	CA	US	
Sheffield, Val	Iowa City	IA	US	
Welch, Juliet	Kensington	CA	US	

US-CL-CURRENT: [536/23.2](#); [435/183](#), [435/320.1](#), [435/325](#), [435/69.1](#)

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KIMC</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>										

☐ 2. Document ID: US 20020037577 A1

L4: Entry 2 of 13

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037577

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037577 A1

TITLE: Microorganisms for treatment or prevention of corpulence and diabetes mellitus, and pharmaceutical composition containing the same

PUBLICATION-DATE: March 28, 2002

## INVENTOR-INFORMATION:



NAME	CITY	STATE	COUNTRY	RULE-47
Park, Han Oh	Choongcheongbuk-Do		KR	
Bang, Young Bae	Choongcheongbuk-Do		KR	
Joung, Hea Jung	Choongcheongbuk-Do		KR	
Kim, Bong Cheol	Choongcheongbuk-Do		KR	
Kim, Hang Rae	Choongcheongbuk-Do		KR	

US-CL-CURRENT: 435/252.9; 424/93.45, 435/252.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
Draw Desc	Image										

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☐ 3. Document ID: US 20020012689 A1

L4: Entry 3 of 13

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020012689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020012689 A1

TITLE: Method of hydration; infusion packet system(s), support member(s), delivery system(s), and method(s); with business model(s) and Method(s)

PUBLICATION-DATE: January 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stillman, Suzanne Jaffe	Los Angeles	CA	US	

US-CL-CURRENT: 424/439; 424/738, 514/54

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
Draw Desc	Image										

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☐ 4. Document ID: US 20020004749 A1

L4: Entry 4 of 13

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004749

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020004749 A1

TITLE: Customized food selection, ordering and distribution system and method

PUBLICATION-DATE: January 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Froseth, Barrie R.	Plymouth	MN	US	
Bowers, Raymond	Plymouth	MN	US	
Dickson, Katy P.	Eden Prairie	MN	US	
Geddis, Mike E.	Plymouth	MN	US	
Joy, Myer	Morges	MN	US	
Muller, Paul	Shorewood	MN	US	
Nelson, Kimberly A.	Plymouth	MN	US	
Schroeder, Lisa R.	Plymouth	MN	US	
Schellhaass, Sheri M.	Plymouth	MN	US	
Thoresen Severts, Jeffrey D.	Minneapolis	MN	US	
Van Lengerich, Bernhard	Plymouth	MN	US	
Williams, David E.	Chanhassen	MN	US	
Zietlow, Philip K.	Wayzata	MN	US	

US-CL-CURRENT: 705/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K000C

☐ 5. Document ID: US 6468986 B1

L4: Entry 5 of 13

File: USPT

Oct 22, 2002

US-PAT-NO: 6468986

DOCUMENT-IDENTIFIER: US 6468986 B1

TITLE: Compositions and methods for polynucleotide delivery

DATE-ISSUED: October 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zuckermann; Ronald N.	Berkeley	CA		
Dubois-Stringfellow; Nathalie	Berkeley	CA		
Dwarki; Varavani	Alameda	CA		
Innis; Michael A.	Moraga	CA		
Murphy; John E.	Oakland	CA		
Cohen; Fred E.	San Francisco	CA		
Uno; Tetsuo	San Francisco	CA		

US-CL-CURRENT: 514/44; 424/450, 424/486, 435/320.1, 435/325, 435/455, 435/91.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K000C

☐ 6. Document ID: US 6376210 B1

L4: Entry 6 of 13

File: USPT

Apr 23, 2002

US-PAT-NO: 6376210

DOCUMENT-IDENTIFIER: US 6376210 B1

TITLE: Methods and compositions for assaying analytes

DATE-ISSUED: April 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yuan; Chong-Sheng	San Diego	CA		

US-CL-CURRENT: 435/18; 435/195, 435/23, 435/252.3, 435/320.1, 435/455

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 7. Document ID: US 6300485 B1

L4: Entry 7 of 13

File: USPT

Oct 9, 2001

US-PAT-NO: 6300485

DOCUMENT-IDENTIFIER: US 6300485 B1

TITLE: Myosin IXa and cyclic nucleotide gated channel-15 (CNGC-15) polynucleotides, polypeptides, compositions, methods, and uses thereof

DATE-ISSUED: October 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Adams; Arwen E.	Oakland	CA		
Chiu; Choi Ying	Castro Valley	CA		
Duhl; David	Oakland	CA		
Gorman; Susan W.	Santa Monica	CA		
Leng; Song	Castro Valley	CA		
Sheffield; Val	Iowa City	IA		
Welch; Juliet	Kensington	CA		

US-CL-CURRENT: 536/23.1; 536/23.4, 536/24.1, 536/24.31

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 8. Document ID: US 6251433 B1

L4: Entry 8 of 13

File: USPT

Jun 26, 2001

US-PAT-NO: 6251433

DOCUMENT-IDENTIFIER: US 6251433 B1

TITLE: Polycationic polymers

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zuckermann; Ronald N.	Berkeley	CA		
Dubois-Stringfellow; Nathalie	Berkeley	CA		
Dwarki; Varavani	Alameda	CA		
Innis; Michael A.	Moraga	CA		
Murphy; John E.	Oakland	CA		
Cohen; Fred E.	San Francisco	CA		
Uno; Tetsuo	San Francisco	CA		

US-CL-CURRENT: [424/486](#); [424/450](#), [435/320.1](#), [525/420](#), [525/54.1](#), [530/300](#), [530/333](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 9. Document ID: US 5324526 A

L4: Entry 9 of 13

File: USPT

Jun 28, 1994

US-PAT-NO: 5324526

DOCUMENT-IDENTIFIER: US 5324526 A

TITLE: Algin-containing food and beverage

DATE-ISSUED: June 28, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Iwata; Kazuyuki	Eniwa			JP
Watanabe; Kazuhiro	Eniwa			JP
Kimura; Yoshiyuki	Kyoto			JP
Okuda; Hiromichi	Matsuyama			JP

US-CL-CURRENT: [426/2](#); [424/78.01](#), [426/575](#), [426/590](#), [426/804](#), [514/779](#), [514/866](#), [514/911](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

K00C

☐ 10. Document ID: US 5283076 A

L4: Entry 10 of 13

File: USPT

Feb 1, 1994

US-PAT-NO: 5283076

DOCUMENT-IDENTIFIER: US 5283076 A

TITLE: Algin-containing food and beverage

DATE-ISSUED: February 1, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kazuyuki; Iwata	Eniwa			JP
Watanabe; Kazuhiro	Eniwa			JP
Kimura; Yoshiyuki	Kyoto			JP
Okuda; Hiromichi	Matsuyama			JP

US-CL-CURRENT: 426/575; 426/590, 426/804

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

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Term	Documents
(2 AND 3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13
(L3 AND L2).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13

**Display Format:**

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 13 of 13 returned.**☐ 11. Document ID: US 4673578 A

L4: Entry 11 of 13

File: USPT

Jun 16, 1987

US-PAT-NO: 4673578

DOCUMENT-IDENTIFIER: US 4673578 A

TITLE: Snack food product with high dietary fiber content and process for producing the same

DATE-ISSUED: June 16, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Becker; Amy J.	New York	NY		
Bagan; James E.	Yonkers	NY		
Medri; Mario W.	Short Hills	NJ		

US-CL-CURRENT: 426/93; 426/618

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KIMC](#)☐ 12. Document ID: US 4568557 A

L4: Entry 12 of 13

File: USPT

Feb 4, 1986

US-PAT-NO: 4568557

DOCUMENT-IDENTIFIER: US 4568557 A

TITLE: Process for producing snack food product with high dietary fiber content

DATE-ISSUED: February 4, 1986

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Becker; Amy J.	New Yrok	NY		
Bagan; James E.	Yonkers	NY		
Medri; Mario W.	Short Hills	NJ		

US-CL-CURRENT: 426/618; 426/93

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
<a href="#">Draw Desc</a>	<a href="#">Image</a>								

[KIMC](#)

☐ 13. Document ID: KR 2001106068 A WO 200188095 A1 JP 2001321163 A AU  
200136170 A US 20020037577 A1

L4: Entry 13 of 13

File: DWPI

Nov 29, 2001

DERWENT-ACC-NO: 2002-082989

DERWENT-WEEK: 200234

COPYRIGHT 2002 DERWENT INFORMATION LTD

TITLE: Novel Lactobacillus or Acetobacter species, useful for treating obesity and diabetes, reduces the monosaccharide/disaccharide amount absorbed into body by converting them into non-digestible polymeric material

INVENTOR: BANG, Y B; JUNG, H J ; KIM, B C ; KIM, H R ; PARK, H O ; JOUNG, H J ;  
BANG, Y ; JOUNG, H ; KIM, B ; KIM, H ; PARK, H

PRIORITY-DATA: 2000KR-0049805 (August 26, 2000), 2000KR-0026379 (May 17, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2001106068 A	November 29, 2001		000	C12N001/20
WO 200188095 A1	November 22, 2001	E	050	C12N001/20
JP 2001321163 A	November 20, 2001		020	C12N001/20
AU 200136170 A	November 26, 2001		000	C12N001/20
US 20020037577 A1	March 28, 2002		000	C12N001/20

INT-CL (IPC): A61 K 35/74; A61 K 45/00; A61 P 3/04; A61 P 3/10; C12 N 1/20; C12 N 1/20; C12 N 1/20; C12 R 1:02; C12 R 1:225; C12 R 1:225; C12 R 1:02; C12 N 1/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWOC
Draw Desc	Image									

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Term	Documents
(2 AND 3).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13
(L3 AND L2).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	13

**Display Format:**

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=> d 120 32 ab

L20 ANSWER 32 OF 45 USPATFULL

AB Cellulose fermentation by cellulose-digesting microorganisms is increased by conducting the fermentation in the presence of a minor amount of a compound of the formula ##STR1## wherein R' is haloalkyl and the carbocyclic ring has from 0 to 3 sites of olefinic unsaturation.

=> d 120 32 kwic

L20 ANSWER 32 OF 45 USPATFULL

SUMM The process of the invention is particularly useful for increasing the fermentation rate of **cellulose** by rumen microorganisms and for increasing the fermentation rate of cellulosic waste **products** by sewage microorganisms. Microorganisms commonly present in sewage sludge of sewage treatment plants include anaerobic and aerobic bacteria such as Escherichia coli, **Lactobacillus** fermentans, **Acetobacter** viscosus, Acinetobacter calcoaceticus, Actinobacillus sp., Alcaligenes eutrophus, Brevibacterium ammoniagenes, Bacillus subtilis, Celevibrio gilvus, Pseudomonas viscosa, Cellutomonas sp., Bacillus polymyxa, Streptococcus. . .

CLM What is claimed is:

2. The method of claim 1 wherein the **cellulose** is cellulosic waste **products**.

=>



d 120 32

L20 ANSWER 32 OF 45 USPATFULL  
AN 80:30727 USPATFULL  
TI Cellulose fermentation process  
IN MacFadden, Donald L., Bristol, TN, United States  
PA Chevron Research Company, San Francisco, CA, United States (U.S.  
corporation)  
PI US 4209590 19800624  
AI US 1978-916435 19780619 (5)  
DT Utility  
FS Granted  
LN.CNT 276  
INCL INCLM: 435/244.000  
INCLS: 435/105.000; 435/252.000; 426/053.000; 435/804.000; 435/822.000  
NCL NCLM: 435/244.000  
NCLS: 426/053.000; 435/105.000; 435/252.000; 435/804.000; 435/822.000  
IC [2]  
ICM: C12B001-00  
EXF 195/33; 195/114; 426/2; 426/53; 426/807; 435/105; 435/244; 435/252  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 120 32 ab

L20 ANSWER 32 OF 45 USPATFULL  
AB Cellulose fermentation by cellulose-digesting microorganisms is  
increased by conducting the fermentation in the presence of a minor  
amount of a compound of the formula ##STR1## wherein R' is haloalkyl and  
the carbocyclic ring has from 0 to 3 sites of olefinic unsaturation.

=> d 120 32 kwic

L20 ANSWER 32 OF 45 USPATFULL  
SUMM The process of the invention is particularly useful for increasing the  
fermentation rate of **cellulose** by rumen microorganisms and for  
increasing the fermentation rate of cellulosic waste **products**  
by sewage microorganisms. Microorganisms commonly present in sewage  
sludge of sewage treatment plants include anaerobic and aerobic bacteria  
such as Escherichia coli, **Lactobacillus** fermentans,  
**Acetobacter** viscosus, Acinetobacter calcoaceticus,  
Actinobacillus sp., Alcaligenes eutrophus, Brevibacterium ammoniagenes,  
Bacillus subtilis, Celevibrio gilvus, Pseudomonas viscosa, Cellutomonas  
sp., Bacillus polymyxa, Streptococcus.  
CLM What is claimed is:  
2. The method of claim 1 wherein the **cellulose** is cellulosic  
waste **products**.

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